

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition comprising water and:

A) an ethoxylate of an alcohol, the alcohol having Formula I:



wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 80 carbon atoms;

B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2; and

C) at least one surfactant that is different than component A, wherein the cleaning composition has an average water-break-free percent reduction of less than 50% after 7 days aging.

2. (Original) The cleaning composition of claim 1 wherein the cloud point of the cleaning composition is greater than about 125° F.

3. (Original) The cleaning composition of claim 1 wherein the cleaning composition is capable of cleaning an exterior wall of an aluminum can such that the percent of total surface area of the exterior wall which supports a continuous film of water is greater than 50% after the aluminum can is cleaned with the cleaning composition.

4. (Original) The cleaning composition of claim 1 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms.

5. (Original) The cleaning composition of claim 1 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 16 to 20 carbon atoms.

6. (Original) The cleaning composition of claim 1 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 23 to 80 carbon atoms.

7. (Original) The cleaning composition of claim 1 wherein R_1 is a mixture of straight-chain and branched alkyl having from 14 to 50 carbon atoms.

8. (Original) The cleaning composition of claim 1 wherein R_1 is $\text{CH}_3(\text{CH}_2)_7\text{-CH=CH}(\text{CH}_2)_8\text{-}$, $\text{CH}_3(\text{CH}_2)_{17}\text{-}$, or $\text{CH}_3(\text{CH}_2)_{13-14}\text{-}$.

9. (Original) The cleaning composition of claim 1 wherein component A is a 5 to 80 mole ethoxylate.

10. (Original) The cleaning composition of claim 9 wherein component A is a 5 to 80 mole ethoxylate and R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 20 to 70 carbon atoms.

11. (Original) The cleaning composition of claim 10 wherein:
component A is a 15 mole ethoxylate and R_1 is a saturated or unsaturated, straight-chain or branched alkyl having 13 carbon atoms; or
component A is a 11 to 12 mole ethoxylate and R_1 is a saturated or unsaturated, straight-chain or branched alkyl having 12 to 15 carbon atoms; or
component A is a 10 mole ethoxylate and R_1 is a saturated or unsaturated, straight-chain or branched alkyl having 16 carbon atoms; or
component A is a 10 mole ethoxylate and R_1 is a saturated or unsaturated, straight-chain or branched alkyl having 18 carbon atoms; or
component A is a 12 to 13 mole ethoxylate and R_1 is an 85% linear alkyl having 14 to 15 carbon atoms.

12. (Original) The cleaning composition of claim 1 wherein component A is a 14 mole or greater ethoxylate.

13. (Original) The cleaning composition of claim 1 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 80 carbon atoms and the ethoxylate is a 10 mole or greater ethoxylate.

14. (Original) The cleaning composition of claim 13 wherein the at least one surfactant that is different than component A is a surfactant selected from the group consisting of propoxylated alcohols, sodium 2-ethyl hexyl sulfate, polyethoxylated straight chain alcohols, modified polyethoxylated straight chain alcohols, alkyl polyethoxylated ethers with a propoxylate cap, modified oxyethylated straight chain alcohols, octylphenoxy polyethoxy ethanol, block-copolymers based on ethylene oxide and propylene oxide, and mixtures thereof.

15. (Cancelled).

16. (Original) The cleaning composition of claim 1 wherein the ethoxylate of an alcohol having Formula R_1-OH is present in an amount from about 0.05 gram/liter to about 15 gram/liter of the cleaning composition;
the at least one surfactant that is different than component A is present in an amount from about 0.05 gram/liter to about 15 gram/liter of the cleaning composition; and
the inorganic acid is present in a positive amount less than or equal to about 20 gram/liter of the cleaning composition.

17. (Previously Presented) The cleaning composition of claim 1 wherein the ratio of component A to the at least one surfactant that is different than component A is at least 1:1.

18. (Currently Amended) The cleaning composition of claim 1 wherein the ethoxylate of an alcohol, the alcohol having Formula R_1-OH is present in an amount greater than about 15 gram/liter to about 200 gram/liter of the cleaning composition;

the at least one surfactant that is different than component A is present in an amount greater than about 15 gram/liter to about 200 gram/liter of the cleaning composition; and

the inorganic acid is present in a positive amount less than about 600 gram/liter of the cleaning composition.

19. (Currently Amended) A cleaning composition for formed metal articles, the cleaning composition comprising water and:

A) an ethoxylate of an alcohol, the alcohol having Formula I:



wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 80 carbon atoms;

B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2 or between 9 and 13; and

C) at least one surfactant that is different than component A, ~~wherein the cleaning composition is capable of cleaning an exterior wall of an aluminum can such that the percent of total surface area of the exterior wall which supports a continuous film of water is greater than 50% after the aluminum can is cleaned with the cleaning composition wherein the~~ ethoxylate of an alcohol and the one surfactant that is different than component A are in a sufficient amount that an exterior wall of an aluminum can cleaned by the cleaning solution is such that the percent of total surface area of the exterior wall which supports a continuous film of water is greater than 50%.

20. (Original) The cleaning composition of claim 19 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms.

21. (Original) The cleaning composition of claim 19 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 16 to 20 carbon atoms.

22. (Original) The cleaning composition of claim 19 wherein R_1 is a saturated alkyl having from 16 to 20 carbon atoms.

23. (Original) The cleaning composition of claim 19 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 23 to 80 carbon atoms.

24. (Original) The cleaning composition of claim 19 wherein R_1 is a mixture of straight-chain and branched alkyl having from 14 to 50 carbon atoms.

25. (Original) The cleaning composition of claim 19 wherein R_1 is $\text{CH}_3(\text{CH}_2)_7\text{-CH=CH}(\text{CH}_2)_8\text{-}$, $\text{CH}_3(\text{CH}_2)_{17}\text{-}$, or $\text{CH}_3(\text{CH}_2)_{13-14}\text{-}$.

26. (Original) The cleaning composition of claim 19 wherein component A is a 5 to 80 mole ethoxylate.

27. (Currently Amended) A cleaning composition for formed metal articles, the cleaning composition comprising water and:

A) an ethoxylate of an alcohol, the alcohol having Formula I:



wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 80 carbon atoms;

B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2 or between 9 and 13; and

C) at least one surfactant that is different than component A, ~~wherein the cloud point of a working composition of the cleaning composition is greater than about 125° F~~ wherein the ethoxylate of an alcohol and the one surfactant that is different than component A are in a sufficient amount that the cloud point of a working composition of the cleaning composition is greater than about 125° F.

28. (Original) The cleaning composition of claim 27 wherein the cloud point of the cleaning composition is greater than about 150° F.

29. (Original) The cleaning composition of claim 27 wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms.

30. (Original) The cleaning composition of claim 27 wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 16 to 20 carbon atoms.

31. (Original) The cleaning composition of claim 27 wherein R₁ is a saturated alkyl having from 16 to 20 carbon atoms.

32. (Original) The cleaning composition of claim 27 wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 23 to 80 carbon atoms.

33. (Original) The cleaning composition of claim 27 wherein R₁ is a mixture of straight-chain and branched alkyl having from 14 to 50 carbon atoms.

34. (Original) The cleaning composition of claim 27 wherein R₁ is CH₃(CH₂)₇-CH=CH(CH₂)₈-, CH₃(CH₂)₁₇-, or CH₃(CH₂)₁₃₋₁₄-.

35. (Original) The cleaning composition of claim 27 wherein component A is a 5 to 80 mole ethoxylate.

36. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition comprising water and:

A) an ethoxylate of an alcohol, the alcohol having Formula I:



wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 80 carbon atoms and the ethoxylate is a 14 mole or greater ethoxylate;

- B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition is less than 2 or between 9 and 13; and
- C) at least one surfactant that is different than component A.

37. (Original) The cleaning composition of claim 36 wherein the cloud point of the cleaning composition is greater than about 125° F.

38. (Original) The cleaning composition of claim 36 wherein the inorganic pH adjusting component is an inorganic acid or a base.

39. (Original) The cleaning composition of claim 36 wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms.

40. (Original) The cleaning composition of claim 36 wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 16 to 20 carbon atoms.

41. (Original) The cleaning composition of claim 36 wherein R₁ is a saturated alkyl having from 16 to 20 carbon atoms.

42. (Original) The cleaning composition of claim 36 wherein R₁ is a saturated or unsaturated, straight-chain or branched alkyl having from 23 to 80 carbon atoms.

43. (Original) The cleaning composition of claim 36 wherein R₁ is a mixture of straight-chain and branched alkyl having from 14 to 50 carbon atoms.

44. (Original) The cleaning composition of claim 36 wherein R₁ is CH₃(CH₂)₇-CH=CH(CH₂)₈-, CH₃(CH₂)₁₇-, or CH₃(CH₂)₁₃₋₁₄-.

45. (Previously Presented) A cleaning composition for formed metal articles, the cleaning composition comprising water and:

- A) an ethoxylate of an alcohol, the alcohol having Formula I:



wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 80 carbon atoms and the ethoxylate is a 10 mole or greater ethoxylate present in an amount such that the pH of the cleaning composition is less than 2 or between 9 and 13;

- B) an inorganic pH adjusting component; and
C) at least one surfactant that is different than component A.

46. (Original) The cleaning composition of claim 45 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 14 to 22 carbon atoms.

47. (Original) The cleaning composition of claim 45 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 16 to 20 carbon atoms.

48. (Original) The cleaning composition of claim 45 wherein R_1 is a saturated alkyl having from 16 to 20 carbon atoms.

49. (Original) The cleaning composition of claim 45 wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 23 to 80 carbon atoms.

50. (Original) The cleaning composition of claim 45 wherein R_1 is a mixture of straight-chain and branched alkyl having from 14 to 50 carbon atoms.

51. (Original) The cleaning composition of claim 45 wherein R_1 is $CH_3(CH_2)_7-CH=CH(CH_2)_8$, $CH_3(CH_2)_{17^-}$, or $CH_3(CH_2)_{13-14^-}$.

52. (Original) The cleaning composition of claim 45 wherein component A is a 5 to 80 mole ethoxylate.

53-63. (cancelled)

64. (Currently Amended) A cleaning composition for formed metal articles, the cleaning composition comprising water and:

A) an ethoxylate of an alcohol, the alcohol having Formula I:



wherein R_1 is a saturated or unsaturated, straight-chain or branched alkyl having from 12 to 80 carbon atoms;

B) an inorganic pH adjusting component present in an amount such that the pH of the cleaning composition from 9 to 13; and

C) at least one surfactant that is different than component A, wherein the ethoxylate of an alcohol and the at least one surfactant that is different than component A are in a sufficient amount that the cleaning composition has an average water-break-free percent reduction of less than 50% after 7 days aging.

65. (Previously Presented) The cleaning composition of claim 64 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 10.5 to about 12.5.

66. (Previously Presented) The cleaning composition of claim 64 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

67. (Previously Presented) The cleaning composition of claim 19 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 10.5 to about 12.5.

68. (Previously Presented) The cleaning composition of claim 19 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

69. (Previously Presented) The cleaning composition of claim 27 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 10.5 to about 12.5.

70. (Previously Presented) The cleaning composition of claim 27 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

71. (Previously Presented) The cleaning composition of claim 36 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

72. (Previously Presented) The cleaning composition of claim 36 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

73. (Previously Presented) The cleaning composition of claim 45 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

74. (Previously Presented) The cleaning composition of claim 45 wherein the inorganic pH adjusting component is present in an amount such that the pH of the cleaning composition is from about 11 to about 12.

75. (New) The cleaning composition of claim 1 wherein at least one surfactant that is different than component A comprises a component selected from the group consisting of an alkoxylated alcohol, a modified oxyethylated straight chain alcohol, a polyethoxylated straight chain alcohol, an octylphenoxy polyethoxy ethanol, a modified polyethoxylated, and a straight chain alcohol.

76. (New) The cleaning composition of claim 1 wherein at least one surfactant that is different than component A comprises sodium 2-ethyl hexyl sulfate.

77. (New) The cleaning composition of claim 1 wherein at least one surfactant that is different than component A comprises sodium an alkyl polyethoxylated ether with a propoxylate cap.

78. (New) The cleaning composition of claim 1 wherein at least one surfactant that is different than component A comprises a block-copolymers based on ethylene oxide and propylene oxide.

79. (New) The cleaning composition of claim 1 wherein at least one surfactant that is different than component A comprises a linear polyethoxylated straight chain alcohol having from 12 to 14 carbon atoms.